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SUBJECT	1. Oil Fields in the Oktyabrsk District 2. The Oktyabrsk and Urussu Refineries		NO. OF PAGES	3	50X1-HUM
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- 54°30°1°), which is about 15 km southeast of the Grusu railroad station and about 25 km southwest of the Tuymazy railroad station. * Oil field I, near Marishyevo, extended 15 to 20 km on each side of the Oktyabrsk-Tuymazy highway and was from 40 to 50 km long. From 1947 to 1949 this field, covering an area of about 2,000 sq km, was the main drilling area. The drillings in oil field II, near loskovska, were said to have started later than in oil field I. In the winter of 1948 to 1949 derricks were also reported to have been established near Foskovska west of the Orusu-Oktyabrsk highway. Oil field III was near Serafimov, and oil field IV near Potapovo. No details are known on fields III and IV. The Oktyabrsk district was the principal area under the Tuymazineft Trust. Mowever, the inscription Pashmeft was also seen in some installations there, although most of the installations of the Bashneft Trust were near Ishinbay.
- The discovery of the extraordinarily productive oil deposits at Oktyabrsk dates back to 1935. In the following years extensive experimental drillings were made which led to the systematic opening of wells after 1933. At the outbreak of the war, production was happered at first by the shortage of drilling equipment. However, in the last years of the war production progressed with great rapidity. Since 1946 new wells had been sunk continuously, and most of these had been successful. Production multiplied, and the district was considered one of the most promising in the entire Volga-Ural area.
- The sinking of new wells was done mostly by mobile drilling appliances. appliances were collapsible wooden or steel derricks which were hoisted for operation. They were placed on moveble foundations and pulled by three or four large tractors. Petween 25 and 30 movable derricks were observed. The height of movable derricks ranged from 30 to 35 meters and in exceptional cases was As soon as the wells had been tapped, stationary production derricks were set up which were generally 20 to 25 meters high and were always steel structures. 50X1-HUM
- \mathfrak{t}_{i} . Tany wells were free-flowing. At least 10 to 20 percent of the drilling sites had gushers. Gushers were even brought in at a depth of 250 to 300 meters. The wells operated with pumping installations were from 400 meters to 2,300 meters deep. The depth of the individual drillings varied, most oil-bearing

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strata consisted only of comparatively shallow enclaves, the main oil basin, which was deeper, was said to be an underground oil lake which was estimated to stretch over hundreds of square kilometers, although its exact size had not yet been determined.

- 5. Branch pipe lines 15 to 20 cm in diameter connected the individual production sites with several collecting pipe lines which in turn led to three main pipe lines about 50 cm in diameter. A long-distance twin pipe line led from these main pipe lines to the Tuymazy Refinery, a second one to the Ufa Refineries and a third twin pipe line to the Urusu Refinery. The large long-distance line to Ufa was put into operation in mid-1949.
- 6. The crude oils produced at Oktyabrsk were said to be of an especially high quality. The Tuymazy oil share in light fractions is said to be up to 70 percent. Some drilling sites reportedly produced a type of oil which could be used immediately as Diesel or gas oil after simple filtration without distillation. The daily production capacity of the entire district was 11,000 tons for 1946, 12,500 tons for 1947, 22,000 tons for 1948, and 25,000 to 26,000 tons for 1949. The target production allegedly was 35,000 tons daily.
- 7. Natural gas also came from the free-flowing wells. The natural gas, which was responsible for pressure of most free-flowing wells, was not used in 1949, and it was burned off at the production sites. However, a natural gas pipe line to Ufa was said to be planned.
- 8. A large tank depot with 10 to 12 tanks, 15 to 20 meters both in diameter and in height, was east of the secondary railroad station of Oktyabrsk on the branch line to Tuymazy. The depot, which was connected with the Narishyevo oil field by pipe lines, had many spur tracks and a corresponding number of filling stations. In the summer of 1949 a new refinery was allegedly under construction at this depot. Another tank depot was southwest of Narishyevo and of the Oktyabrsk milroad station. It had 16 tanks spread over an area of 200x300 meters. Next to this tank depot was an oil filtering installation which in 1948 was expanded into a gasoline separating (top) installation. This in turn was to be expanded into a large refinery which, allegedly nearing completion in November 1949, was scheduled to start production in the winter of 1949/1950. This tank depot and the installations connected with it had pipe lines to the Narishyevo oil field.
- 9. A large refinery was near the Urusu railroad station. This refinery, which was in operation in May 1945, covered an area of about 500x600 meters. At the refinery were about 20 to 30 large crude oil tanks, 10 to 15 meters both in diameter and in height. For finished products there were six to eight tanks, 10 meters in diameter and about 8 meters high. These were silver-gray in color, thus indicating that they were gasoline or Diesel oil tanks. The Urusu refinery had many spur tracks and a large filling station. Details on the equipment are not available, but several distilling columns each with five or six boilers were definitely observed. The main products were probably gasoline, kerosene, and gas oil. To cracking installation was observed.
- 10. There was an asphalt factory on the outskirts of Oktyabrsk. This factory, whose daily capacity was said to be almost 600 tons, processed for road-making the residue of the district's crude oils, most of which had an asphalt base.
- 11. Petween the Oktyabrsk and Urusu railroad stations, which are 14 to 15 km apart, was an old power plant, which was shut down, a transformer station, supplied with power from Ufa, and a new power plant still under construction in 1948/1949.

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Oil Fields in the Oktyabrok District and the Oktyabrok and trusu Refineries (Bashkir ASSR)

